

# Anticonvulsant Screening Program

## Test 23 Results - Sciatic Ligation Model In Rats

ASP ID: 47      A      Screen ID: 1

Solvent Code: MC      Solvent Prep: M&P,SB      Route Code: IP  
 Date Started: 14-Mar-2006      Date Completed: 15-Mar-2006

Reference: SL1: 25

### Results of Analysis

Dose (mg/kg)	Time of Peak Effect (hrs)	* % Pre-Drug		
		Threshold	+/-	SEM
300.0	1.0	124	+/-	38

Note: Box checked if data is significantly different from pre-drug.

### Response per Animal

Dose (mg/kg)	Animal #	Threshold for Foot Withdrawal (grams)									
		Pre-Drug	1hr	2hr	4hr	6hr	24hr				
300.0	1	1.17	1.37	1.61	1.61	1.61	1.17				
300.0	2	0.32	0.32	0.32	0.13	0.13	0.05				
300.0	3	0.02	0.02	0.02	0.02	0.02	0.02				
300.0	4	0.95	1.61	1.61	1.17	4.34	1.17				
300.0	5	1.17	1.37	1.37	1.46	1.46	1.61				
300.0	6	0.13	0.13	0.13	0.32	0.13	0.13				
300.0	7	0.13	0.32	0.2	0.13	0.13	0.32				
300.0	8	1.8	1.91	1.17	1.8	1.17	1.61				

### Comment for Response:

#### Comments:

At the six hour time point, the 4.34 value (animal#4) was determined to be an outlier as defined by the Grubb's outlier test and as such was excluded from the significance determination.